

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 28944/38522

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Bernard Branchereau

Title: **A ROTARY SHAFT DYNAMIC SEAL PROVIDED WITH AN
ANGULAR ENCODER DEVICE, A DEVICE INCLUDING SUCH A
SEAL, AND A METHOD OF FABRICATING SUCH A SEAL**

1. **Type of Application**

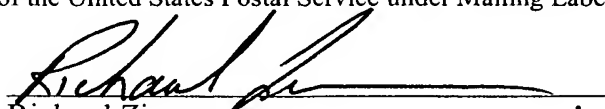
- ☒ This is a new application for a
☒ utility patent.

2. **Application Papers Enclosed**

- 1 Title Page
8 Pages of Specification
(excluding Claims, Abstract, Sequence Listing & Drawings)
3 Pages of Claims
1 Page of Abstract
4 Sheets of Drawings (FIGS. 1 to 4)
☒ Formal
☐ Informal

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **October 16, 2003**, in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 323775033 US.


Richard Zimmermann



3. Declaration or Oath

- ☐ Enclosed
 - ☐ Executed by (check all applicable boxes)
 - ☐ Inventor(s)
 - ☐ Legal representative of inventor(s)
(37 CFR 1.42 or 1.43)
 - ☐ Joint inventor or person showing a proprietary interest on
behalf of inventor who refused to sign or cannot be reached.
 - ☐ The petition required by 37 CFR 1.47 and the statement
required by 37 CFR 1.47 are enclosed.
See Item 5D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this
application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing
containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ Return receipt postcard
- ☐ Other

5. Priority Applications Under 35 USC 119

A Certified copy of the application from which priority under 35 USC 119 is claimed is listed below and

- ☒ is attached.
☐ will follow.

| COUNTRY | APPLICATION NO. | FILED |
|---------|-----------------|------------------|
| France | FR 03 13940 | November 7, 2002 |
| | | |

6. Filing Fee Calculation (37 CFR 1.16)

A. ☒ Utility Application

| CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT(S) (IF ANY) | | | | | | |
|---|-----------|-----------|--------------|---------|---------------------------|----------|
| | | | SMALL ENTITY | | OTHER THAN A SMALL ENTITY | |
| | NO. FILED | NO. EXTRA | RATE | FEE | RATE | FEE |
| BASIC FEE | | | | \$ | \$770.00 | |
| TOTAL | 12-20 | = 0 | = | \$ | X 18 = | |
| INDEP. | 1-3 | = 0 | = | \$ | X 86 = | |
| First Presentation of Multiple Dependent Claim | | | + 145 = | \$ 0.00 | + 290 = | |
| Filing Fee: | | | | | OR | \$770.00 |

D. Other Fees

- ☐ Recording Assignment
[Fee — \$40.00 per assignment] \$0.00
- ☐ Petition fee for filing by other than all the inventors
or person on behalf of the inventor where
inventor refused to sign
or cannot be reached [Fee — \$130.00] \$0.00
- ☐ Other \$0.00

Total Fees Enclosed \$770.00

7. Method of Payment of Fees

- ☒ Enclosed check in the amount of: \$770.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$0.00
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

8. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

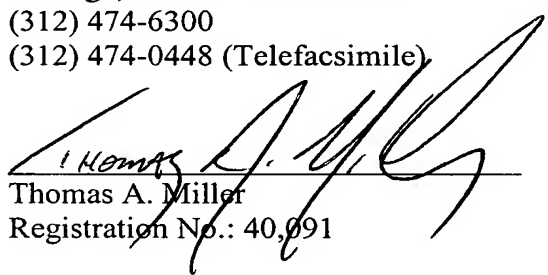
9. Correspondence Address

Customer No.: 04743

Respectfully submitted,

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By:


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October 16, 2003